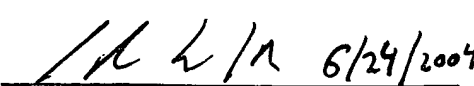


FORM PTO-1390 (REV. 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 68649	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/500052</b>	
INTERNATIONAL APPLICATION NO. PCT/GB01/05784		INTERNATIONAL FILING DATE December 27, 2001		PRIORITY DATE CLAIMED December 27, 2000	
TITLE OF INVENTION RESOURCE ALLOCATION IN CELLULAR TELEPHONE NETWORKS					
APPLICANT(S) FOR DO/EO/US Aharon SATT; Liron LANGER					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>					
Items 11 to 20 below concern document(s) or information included:					
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input checked="" type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <li>International Preliminary Examination Report</li> <li>International Search Report</li> <li>Return Postcard</li> <li>Information Concerning Elected Offices Notified of Their Election</li> </ul> </li> </ol>					

DT09 Rec'd PCT/PTO 24 JUN 2004

U.S. APPLICATION NO. <b>10/500052</b> INTERNATIONAL APPLICATION NO. <b>GB01/05784</b>				ATTORNEY'S DOCKET NUMBER <b>68649</b>	
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	29- 20 =	9	x \$18.00	\$ 162.00	
Independent claims	4 - 3 =	1	x \$86.00	\$ 86.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,298.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 649.00	
<b>SUBTOTAL =</b>					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
<b>TOTAL NATIONAL FEE =</b>					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
<b>TOTAL FEES ENCLOSED =</b>				\$ 649.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>649.00</u> to cover the above fees is enclosed.  b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1662</u> . A duplicate copy of this sheet is enclosed.  d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Jerome R. Smith, Jr. Polsinelli Shalton Welte Suelthaus PC 700 W. 47th Street, Suite 1000 Kansas City, MO 64112					
				 SIGNATURE	
				<u>Jerome R. Smith, Jr.</u> NAME	
				<u>35,684</u> REGISTRATION NUMBER	

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1050

Complete if Known

Application Number Unknown (a 37 CFR 1.21(b)(1) fee is required)  
Filing Date Herewith  
First Named Inventor A. Satt  
Examiner Name Unknown  
Art Unit Unknown  
Attorney Docket No. 68649

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☒ Deposit Account:

Deposit Account Number 50-1662

Deposit Account Name Polsinelli Shalton Wette Suelthaus, PC

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 385

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
0	0	0	0
Independent Claims	0	0	0
Multiple Dependent	0	0	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0  
385.00 OP

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	665
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 665

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jerome R. Smith, Jr.	Registration No. (Attorney/Agent)	35,684	Telephone	816-360-4119
Signature		Date	June 24, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

07/07/2004

06 FC:1206

LANDGRA 00000001 10500052

107500052 PATENT

Atty Docket No. 68649

Express Mail Label No. EV 471185621 US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	A. Satt, et al.	Group No.	Unknown
Serial No.:	Unknown (a 371 of PCT/GB01/05784)	Examiner:	Unknown
Filed:	Herewith (International Filing Date December 27, 2001)	Conf. No.	Unknown
For:	Resource Allocation in Cellular Telephone Networks		

Attention: PCT Legal Staff  
 Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

TRANSMITTAL

Dear Sir:

Attached please find the following:

- ☒ Petition for Revival of an International Application for Patent Designating the U.S. Abandoned Unintentionally Under 37 CFR 1.137(b) (2 pages)
- ☒ Fee Transmittal (1 page, in duplicate)
- ☒ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2 pages, in duplicate)
- ☒ Copy of the originally filed International Patent Application, PCT/GB01/05784, entitled: Resource Allocation in Cellular Telephone Networks (26-page specification, 2 pages of claims [claims 1-12], 1-page abstract, 17 pages of drawing sheets [Figs. 1-17])

## CERTIFICATE OF MAILING

I hereby certify that, on the date shown below, this correspondence is being

- ☒ deposited with the United States Postal Service in an envelope addressed to: Attention: PCT Legal Staff, Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## MAILING

37 C.F.R. §1.8  
☐ as first class mail.

37 C.F.R. §1.10  
☒ as "Express Mail Post Office Addressee"  
 EXPRESS MAIL NO. EV 471185621 US

## FACSIMILE TRANSMISSION

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Cheryl R. Couzens  
 Name of Depositor

  
 Signature

June 24, 2004  
 Date

DT09 Rec'd PCT/PTO 24 JUN 2004

- ☒ Signed Declaration for Utility or Design Patent Application (37 CFR 1.63) (2 pages) (attached to copy of originally filed International Patent Application)
- ☒ Preliminary Amendment (10 pages)
- ☒ Annotated Sheets Showing Changes (A and B)
- ☒ Replacement Sheets (A and B)
- ☒ A copy of Information Concerning Elected Offices Notified of Their Election
- ☒ A copy of the International Preliminary Examination Report
- ☒ A copy of International Search Report
- ☒ Information Disclosure Statement (5 pages)
- ☒ Information Disclosure Statement by Applicant including the 3 listed references and a copy of the International Search Report
- ☒ Additional copy of International Patent Application PCT/GB01/05784
- ☒ Check No. 300828 in the amount of \$1,699.00
- ☒ Certificate of Mailing by First Class Mail
- ☒ Stamped, pre-addressed postcard

The Commissioner is hereby authorized to charge any additional fees, which may be required to Deposit Account No. 50-1662. A duplicate of this request is attached.

Respectfully submitted,

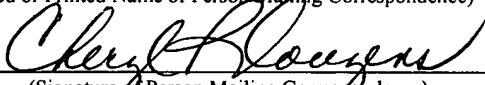
POLSINELLI SHALTON WELTE SUELTHAUS PC

Date: 24 June 2004

By: 

Jerome R. Smith, Jr., Reg. No. 35,684  
700 W. 47<sup>th</sup> Street, Suite 1000  
Kansas City, Missouri 64112  
Tel: (816) 360-4119  
Fax: (816) 753-1536  
Attorney for Applicants

10/500052

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)				Matter No.
Applicant(s): Aharon Satt, et al.				68649
Serial No.	Filing Date	Examiner	Group Art Unit	Conf. No.
Not Yet Assigned (a 371 of PCT/GB01/05784)	Herewith Int'l Filing Date December 27, 2001	Not Yet Assigned	Not Yet Assigned	Not Yet Assigned
Invention: RESOURCE ALLOCATION IN CELLULAR TELEPHONE NETWORKS				
<p>I hereby certify that a Transmittal (2 pages, in duplicate); Petition for Revival of an International Application for Patent Designating the U.S. Abandoned Unintentionally Under 37 CFR 1.137(b) (2 pages); Fee Transmittal (1 page, in duplicate); Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2 pages, in duplicate); copy of the originally filed International Patent Application, PCT/GB01/05784, entitled: Resource Allocation in Cellular Telephone Networks (26-page specification, 2 pages of claims [claims 1-12], 1-page abstract, 17 pages of drawing sheets [Figs. 1-17]); signed Declaration for Utility or Design Patent Application (37 CFR 1.63) (2 pages) (attached to copy of originally filed International Patent Application; Preliminary Amendment (10 pages); Annotated Sheets Showing Changes (A and B); Replacement Sheets (A and B); a copy of Information Concerning Elected Offices Notified of Their Election; a copy of the International Preliminary Examination Report; a copy of the International Search Report; Information Disclosure Statement (5 pages); Information Disclosure Statement by Applicant including the 3 listed references and a copy of the International Search Report; additional copy of International Patent Application PCT/GB01/05784; check No. 300828 in the amount of \$1,669.00; authorization to charge any fees which may be required to Deposit Account No. 50-1662; a Certificate of Mailing by Express Mail (1 page); and a stamped, pre-addressed postcard are being mailed by U.S. Postal Service Express Mail to Addressee, Attention: PCT Legal Staff, Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 24th day of June, 2004.</p>				
<p style="text-align: center;">Cheryl R. Couzens (Typed or Printed Name of Person Mailing Correspondence)</p> <p style="text-align: center;"> (Signature of Person Mailing Correspondence)</p> <p style="text-align: center;">EV 471185621 US (“Express Mail” Mailing Label Number)</p>				